

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/CH 03/00393

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/46 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 308 213 B1 (VALENCIA ANDREW J) 23 October 2001 (2001-10-23) abstract figures 2-6,8 column 1, line 66 -column 2, line 45 column 3, line 51-59 column 5, line 12-57 column 7, line 1-34 column 14, line 1-13	1-7, 11-35, 39-47
Y	EP 0 880 100 A (HEWLETT PACKARD CO) 25 November 1998 (1998-11-25) abstract page 3, line 47-57 page 4, line 33-36	1-7, 11-19, 22-35, 39-47

☒ Further documents are listed in the continuation of box C.

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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the International search

23 September 2003

Date of mailing of the international search report

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 233 249 B1 (KATSEFF HOWARD PAUL ET AL) 15 May 2001 (2001-05-15) abstract	20,21
A	US 6 081 508 A (CURRIER JR RONALD L ET AL) 27 June 2000 (2000-06-27) abstract figures 1-7 column 4, line 56 -column 5, line 17 column 8, line 40-56 column 10, line 55 -column 11, line 5 column 11, line 48-54 column 14, line 17-44	1-47

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International Application No

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6308213	B1	23-10-2001	US 5918019 A	29-06-1999
			US 6487598 B1	26-11-2002
			US 6073176 A	06-06-2000
EP 0880100	A	25-11-1998	US 5450562 A	12-09-1995
			EP 0880100 A2	25-11-1998
			DE 69328855 D1	20-07-2000
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			EP 0593968 A1	27-04-1994
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			SG 75758 A1	24-10-2000
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			US 2001009554 A1	26-07-2001
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			JP 2002505555 T	19-02-2002
			WO 9944339 A2	02-09-1999
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Inventor's Application No

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			EP 1064757 A2	03-01-2001
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